

IN THE CLAIMS

Please amend the claims as follows:

21. (currently amended) A system for redistributing a plurality of audio/video input signals to a plurality of communications interfaces over conductors, comprising

a server,

at least one demodulator for demodulating the input signals, the server controlling an output channel selection of the input signals responsive to one or more control signals input into any one of the plurality of communications interfaces, and at least one processor for processing the signals for switching, and

at least one switching device for routing the channel selection in the format of an internet protocol, the switching device being controlled by the server and outputting a single channel-output signal to the one of the plurality of communications interfaces responsive to the one or more control signals input into the one of the plurality of communications interfaces,

wherein the communications interface receives the channel selection for transmission to a receiving unit connected to the communications interface.

22. (previously added) The system of claim 21 in which the input signals are in different signal formats.

23. (cancelled) ~~The system of claim 21 in which the processors match the impedance of the demodulated input signal to the output impedance, raise the baseband of the demodulated input signal, equalize the high frequency components and increase the level of chroma of the demodulated input signal, and increase the peak to peak voltage of the demodulated input signal.~~

24. (cancelled) ~~The system of claim 21 in which the channel selection is transmitted to the communications interface over an unused twisted pair of a telephone wire.~~

25. (cancelled) ~~The system of claim 21 in which the communications interface includes an optical interface for receiving the one or more control signals from an infrared remote control~~

device.

26. (previously added) The system of claim 21 in which the communications interface includes a data interface for receiving data from a keyboard, joystick, card reader, bar code reader or other data providing device.

27. (previously presented) The system of claim 21 in which the communications interface includes a network interface for transmitting data from a computer as an input signal to the demodulator.

28. (~~cancelled~~) ~~The system of claim 21 in which the communications interface modulates the channel selection to a selected channel of the receiving device.~~

29. (currently amended) A method of redistributing a plurality of audio/video signals to a plurality of communications interfaces over conductors, comprising the steps of

(a) receiving a plurality of input signals,

(b) demodulating the input signals,

(c) processing the input signals to a format suitable for switching,

(d) selecting a single-processed input signal for redistribution to one communications interface of the plurality of communications interfaces in the format of an internet protocol, according to one or more control signals input into the one communications interface, and

(e) ~~routing only the selected processed signal to the one communications interface for transmission to a receiving device~~ outputting a single output signal to the one communications interface of the plurality of communications interfaces responsive to the one or more control signals input into the one communications interface of the plurality of communications interfaces.

30. (previously added) The method of claim 29 in which the input signals are in different signal formats.

31. (~~cancelled~~) ~~The method of claim 29 in which the step of processing each input signal to a format suitable for switching comprises matching the impedance of the demodulated input signal to the output impedance, raising the baseband of the demodulated input signal, equalizing~~

~~the high frequency components and increasing the level of chroma of the demodulated input signal, and increasing the peak to peak voltage of the demodulated input signal.~~

32. (cancelled) ~~The method of claim 29 including the step of transmitting the channel selection to the communications interface over an unused twisted pair of a telephone wire.~~

33. (cancelled) ~~The method of claim 29 in which the communications interface includes an optical interface for receiving the one or more control signals from an infrared remote control device.~~

34. (previously added) The method of claim 29 in which the communications interface includes a data interface for receiving data from a keyboard, joystick, card reader, bar code reader or other data providing device.

35. (previously presented) The method of claim 29 in which the communications interface includes a network interface for communicating data from a computer as an input signal to the demodulator.

36. (cancelled) ~~The method of claim 29 including the step of modulating the channel selection to a selected channel of the receiving device.~~